

Title (en)

Method for the treatment of lamellar or plate-like materials.

Title (de)

Verfahren zur Behandlung von lamellaren oder plättchenförmigen Materialien.

Title (fr)

Procédé de traitement de matériaux lamellaires ou en plaquettes.

Publication

EP 0505086 A2 19920923 (EN)

Application

EP 92302109 A 19920312

Priority

GB 9105762 A 19910319

Abstract (en)

A method for the treatment of a lamellar or flaky pigment or extender which comprises forming a zinc phosphate coating on the surface of the particles of the material by the steps of a) coating the particles of the material with zinc oxide or zinc hydroxide by contacting the material with a solution of a zinc salt in sodium or potassium hydroxide, the solution having a pH of 11 or above, at a temperature in the range of from 50 DEG to 100 DEG C, whereby a deposit of zinc oxide or zinc hydroxide is formed on the surface of the particles; and b) converting the zinc oxide or zinc hydroxide to zinc phosphate by treatment of the zinc oxide or zinc hydroxide coated material with an acidic phosphate solution, or phosphoric acid. I

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IPC 8 full level

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CPC (source: EP)

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Cited by

CN114985005A; EP1013723A1; EP0741171A3; EP1090963A1; WO2008068152A1; WO2024066040A1

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